

Focus Area 3: Colorectal Cancer

Objective 3-5 targets an overall reduction in the colorectal cancer death rate to 13.9 per 100,000 population.

California's age-adjusted death rates for colorectal cancer declined significantly from 17.8 per 100,000 population in 2000 to 15.5 per 100,000 in 2004 (Figure 3-5, Table 3-5). Although declining, California's colorectal cancer death rates are significantly higher than the HP2010 objective of 13.9 per 100,000 population.

Age-adjusted colorectal cancer death rates for males were significantly higher than rates for females, and also significantly higher than the HP2010 target. Death rates were 18.0 per 100,000 males in 2004, compared with 13.5 per 100,000 females in 2004. Although death rates have declined significantly for both genders, the HP2010 objective is being achieved for females but not for males as of 2004.

Data by race and ethnicity show that Blacks/African Americans had significantly higher age-adjusted colorectal cancer death rates than all other racial and ethnic groups (24.6 per 100,000 population in 2004), with no significant trend since 2000. The next highest colorectal cancer death rate in 2004 was found for Whites (16.5 per 100,000), and these rates were significantly declining. The HP2010 target of 13.9 per 100,000 population is not being achieved for either of these populations as of 2004. The HP2010 objective for colorectal cancer death rates is being achieved for the American Indian/Alaska Native, Asian, Hispanic/Latino, and Multirace populations. Death rates for the Pacific Islander population were unreliable due to the small number of events and are not reported here.

For more information on colorectal cancer in California, visit the California Cancer Registry Web site at:

<http://www.ccrca.org/>

For more information on Healthy People 2010 objective 3-5, please visit:

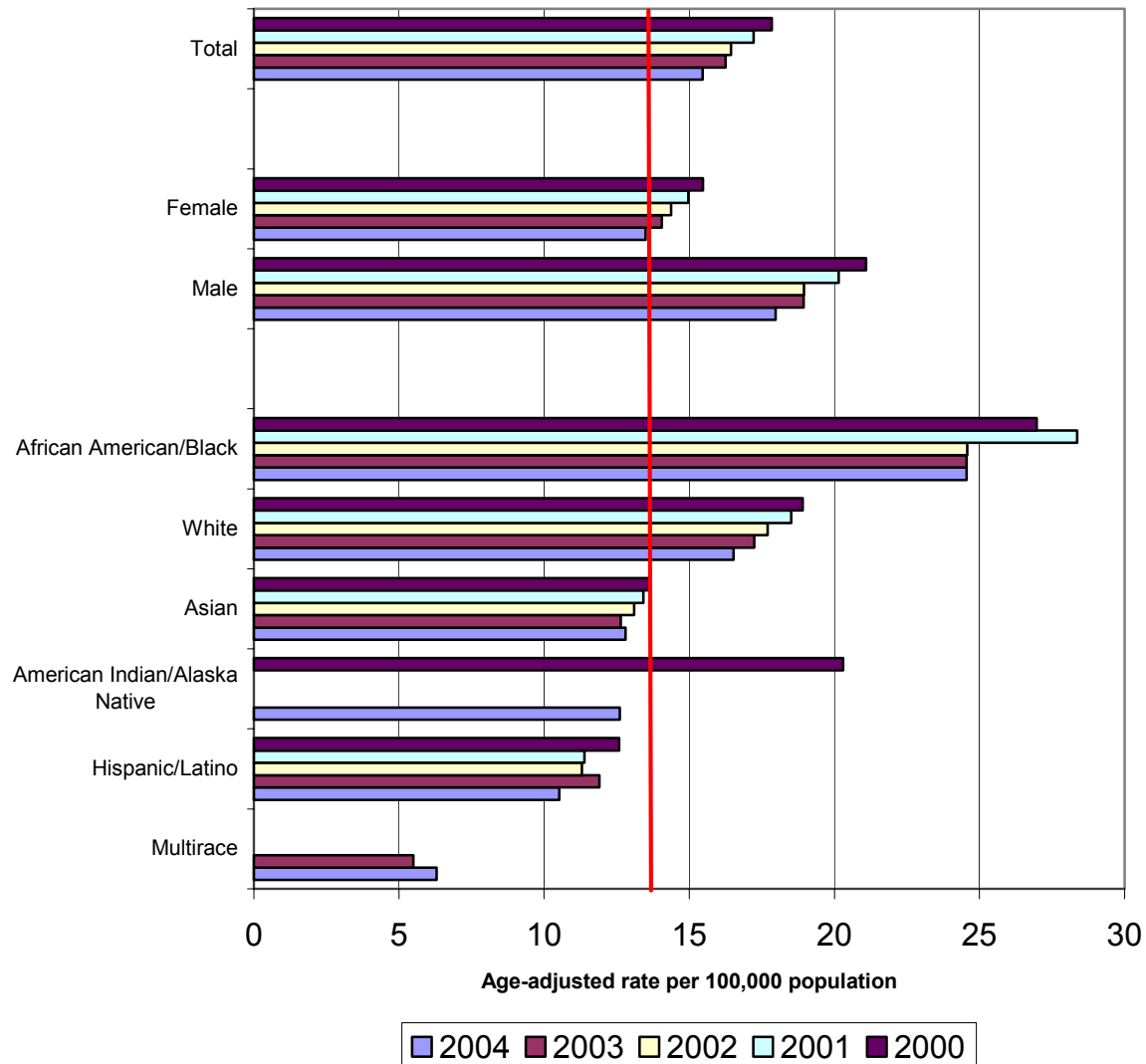
<http://www.healthypeople.gov/Document/HTML/Volume1/03Cancer.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od03.htm>

Figure 3-5
Colorectal Cancer Death Rates
California, 2000-2004

Healthy People 2010 Objective = 13.9



**Table 3-5: Colorectal Cancer Deaths and Death Rates
California, 2000-2004**

Objective 3-5	2000 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2001 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		13.9				13.9		
Statewide Total	5,231	17.8	17.4	18.3	5,262	17.2	16.8	17.7
Race-Ethnicity								
African American/Black	421	27.0	24.4	29.6	462	28.4	25.7	31.0
American Indian/Alaska Native	25	20.3	12.0	28.6	10	DSU	-----	-----
Asian	397	13.6	12.2	15.0	422	13.4	12.1	14.7
Hispanic/Latino	539	12.6	11.5	13.7	509	11.4	10.3	12.4
Pacific Islander	10	DSU	-----	-----	6	DSU	-----	-----
White	3,831	18.9	18.3	19.5	3,845	18.5	17.9	19.1
Multirace	7	DSU	-----	-----	5	DSU	-----	-----
Gender								
Female	2,626	15.5	14.9	16.1	2,641	15.0	14.4	15.5
Male	2,605	21.1	20.3	21.9	2,621	20.1	19.4	20.9

Objective 3-5	2002 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2003 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		13.9				13.9		
Statewide Total	5,234	16.4	16.0	16.9	5,351	16.3	15.8	16.7
Race-Ethnicity								
African American/Black	416	24.6	22.2	27.0	441	24.6	22.2	26.9
American Indian/Alaska Native	20	DSU	-----	-----	15	DSU	-----	-----
Asian	445	13.1	11.9	14.3	452	12.6	11.5	13.8
Hispanic/Latino	565	11.3	10.3	12.3	640	11.9	10.9	12.9
Pacific Islander	10	DSU	-----	-----	13	DSU	-----	-----
White	3,769	17.7	17.1	18.3	3,766	17.2	16.7	17.8
Multirace	6	DSU	-----	-----	21	5.5	3.1	7.9
Gender								
Female	2,632	14.4	13.8	14.9	2,663	14.1	13.5	14.6
Male	2,602	18.9	18.2	19.7	2,688	18.9	18.2	19.7

Objective 3-5	2004 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
Healthy People 2010 Target		13.9				
Statewide Total	5,169	15.5	15.0	15.9	Sig. -	No
Race-Ethnicity						
African American/Black	450	24.6	22.2	26.9	ns	No
American Indian/Alaska Native	27	12.6	7.6	17.6	n/a	Yes
Asian	476	12.8	11.6	14.0	Sig. -	Yes
Hispanic/Latino	588	10.5	9.6	11.4	ns	Yes
Pacific Islander	15	DSU	-----	-----	n/a	Unk
White	3,583	16.5	16.0	17.1	Sig. -	No
Multirace	25	6.3	3.8	8.9	n/a	Yes
Gender						
Female	2,574	13.5	13.0	14.0	Sig. -	Yes
Male	2595	18.0	17.3	18.7	Sig. -	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Colorectal cancer deaths defined by ICD-10 codes C18-C21 .

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard.

Sig. - Statistically significant decrease in age-adjusted death rates from 2000 to 2004.

Sig. + Statistically significant increase in age-adjusted death rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points)

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).